

$$\begin{array}{r}
 1,855,000 \div \\
 30 = \\
 61,833.333333* \\
 61,833.333333 \times \\
 10 \% \\
 6,183.333333* \\
 \hline
 6,183.333333 + \\
 68,016.666666*
 \end{array}$$

## PRETREATMENT MONITORING REPORT



NAME: SANDVIK COROMANT MANUFACTURING

MAILING ADDRESS: 1702 NEVINS ROAD FAIRLAWN, NJ 07410

FACILITY LOCATION: 1702 NEVINS ROAD FAIRLAWN, NJ 07410

CATEGORY &amp; SUBPART: UNKNOWN

OUTLET #: 1

CONTACT OFFICIAL: ALBERT MIPS

TELEPHONE: 201-794-5106

NEW CUSTOMER ID / OUTLET ID: 08630002 - 1

OLD OUTLET DESIGNATION:

## MONITORING PERIOD

Start			End		
06	01	08	06	30	08
MO	DAY	YR	MO	DAY	YR

Average

Maximum

Regulated Flow-gal/day  $61833 \times 10\% = 68016$  <sup>GAL</sup> <sub>MAX FLOW</sub>

Total Flow-gal/day 61833 68016

Method Used:

Production Rate (if applicable)

PARAMETER		MASS OR CONCENTRATION			# OF SAMPLES	SAMPLE TYPE
		MON AVG	MAXIMUM	UNITS		
IOCHEMICAL OX	Sample Measurement		<2.00	MG/L	1	COMP
	Permit Requirement	0		MG/L		
CADMIUM	Sample Measurement		<0.004	MG/L	1	COMP
	Permit Requirement	0.19		MG/L		
COPPER	Sample Measurement		<0.025	MG/L	1	COMP
	Permit Requirement	3.02		MG/L		
LEAD	Sample Measurement		<0.003	MG/L	1	COMP
	Permit Requirement	0.54		MG/L		
MERCURY	Sample Measurement		<0.00002	MG/L	1	COMP
	Permit Requirement	0.080		MG/L		
NICKEL	Sample Measurement		<0.04	MG/L	1	COMP
	Permit Requirement	5.9		MG/L		
ZINC	Sample Measurement		<0.02	MG/L	1	COMP
	Permit Requirement	1.67		MG/L		
NON-POLAR MATE	Sample Measurement		<5.2	MG/L	1	GRAB
	Permit Requirement		100	MG/L		
TOTAL TOXIC OR	Sample Measurement		0.1425	MG/L	1	GRAB
	Permit Requirement	2.13		MG/L		
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					

PRETREATMENT MONITORING REPORT

8005 17 JUL

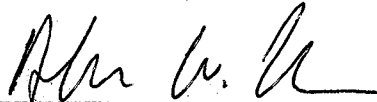
Certification of Non-Use if applicable (use additional sheets): \_\_\_\_\_

Compliance or non compliance statement with compliance schedule (use additional sheets if necessary) for every

parameter used: SANDVIK IS IN COMPLIANCEExplain Method for preserving samples: SAMPLES ARE PRESERVED IN NITRIC ACID  
AT PH NO LESS THAN 2.0

I certify under penalty of law that this document and attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

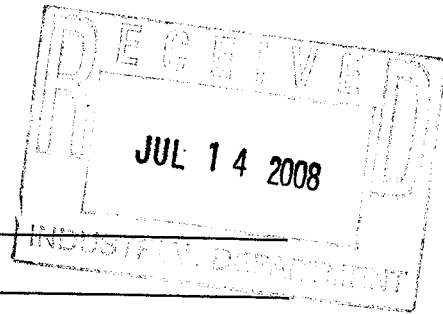
403.6(a)(2)(ii) revised by 53 FR 40610, October 17, 1988

Signature of Principal  
Executive or Authorized AgentALBERT MIPS  
FACILITIES MANAGER

Type Name and Title

7/11/08

Date

PRETREATMENT MONITORING REPORT

Certification of Non-Use if applicable (use additional sheets): \_\_\_\_\_

Compliance or non compliance statement with compliance schedule (use additional sheets if necessary) for every parameter used: SANDVIK IS IN COMPLIANCEExplain Method for preserving samples: SAMPLES ARE PRESERVED IN NITRIC ACID AT pH NO LESS THAN 2.0

I certify under penalty of law that this document and attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

403.6(a)(2)(ii) revised by 53 FR 40610, October 17, 1988

Signature of Principal  
Executive or Authorized AgentALBERT MIPS  
FACILITIES MANAGER

Type Name and Title

7/11/08

Date

SANDVIK COMPANY  
 1702 Nevins Road  
 P.O. Box 428  
 Fair Lawn, NJ 07410-0428

### GROUND WATER SEWAGE RECORDS 2008

PERIOD	DATE	METERED READINGS		METER A = PVSC SEWER (GALLONS)		METER B= STORM DRAIN (GALLONS)	
		METER-A(05000626)	METER- B(07017639)				
JAN.	1/31	34,686,000	8,415,000	A	554,000	B	2,331,000
		34,132,000	6,084,000				
		A= 554,000	B= 2,331,000	A	554,000	B	2,331,000
FEB.	2/29	36,102,000	9,922,000	A	1,416,000	B	1,507,000
		34,686,000	8,415,000				
		A= 1,416,000	B= 1,507,000	A	1,416,000	B	1,507,000
MAR.	3/31	39,249,000	10,843,000	A	3,147,000	B	921,000
		36,102,000	9,922,000				
		A= 3,147,000	B= 921,000	A	3,147,000	B	921,000
APR.	4/30	40,949,000	12,698,000	A	1,700,000	B	1,855,000
		39,249,000	10,843,000				
		A= 1,700,000	B= 1,855,000	A	1,700,000	B	1,855,000
MAY	5/31	42,980,000	13,938,000	A	2,031,000	B	1,240,000
		40,949,000	12,698,000				
		A= 2,031,000	B= 1,240,000	A	2,031,000	B	1,240,000
JUNE	6/30	44,835,000	15,181,000	A	1,855,000	B	1,243,000
		42,980,000	13,938,000				
		A= 1,855,000	B= 1,243,000	A	1,855,000	B	1,243,000
JULY	7/31			A	0	B	0
		A=	B=	A	0	B	0
AUG.	8/31			A	0	B	
		A=	B=	A	0	B	0
SEPT.	9/30			A	0	B	0
		A=	B=	A	0	B	0
OCT.	10/31			A	0	B	0
		A=	B=	A	0	B	0
NOV.	11/30			A	0	B	0
		A=	B=	A	0	B	0
DEC.	12/31			A	0	B	0
		A=	B=	A	0	B	0
YTD TOTAL				A	10,703,000	B	9,097,000



### CHAIN OF CUSTODY

**Fresh Ponds Corporate Village, Building B**  
**2235 Route 130, Dayton, NJ 08810**  
**908-329-0200 FAX: 908-329-3499/3480**

[illegible]

## J92267: Chain of Custody

Page 1 of 1

*e-Hardcopy 2.0*  
Automated Report



IT'S ALL IN THE CHEMISTRY

06/27/08



## Technical Report for

Sandvik Inc.

Monthly PVSC Permit, Fairlawn, NJ

Accutest Job Number: J92267

Sampling Date: 06/04/08

Report to:

Sandvik Coromant Manufacturing

albert.mips@sandvik.com

ATTN: Albert Mips

Total number of pages in report: 13



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Vincent J. Pugliese  
President

Client Service contact: Nadine Yakes 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.  
Test results relate only to samples analyzed.

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Accutest LabLink@15:24 27-Jun-2008



## Sample Summary

Sandvik Inc.

Job No: J92267

Monthly PVSC Permit, Fairlawn, NJ

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
J92267-1	06/04/08	13:25 GB	06/04/08	AQ	Water	BASEMENT SUMP 24 HR COMPOSITE
J92267-2	06/04/08	13:30 GB	06/04/08	AQ	Water	BASEMENT SUMP GRAB



## CASE NARRATIVE / CONFORMANCE SUMMARY

**Client:** Sandvik Inc.

**Job No** J92267

**Site:** Monthly PVSC Permit, Fairlawn, NJ

**Report Date** 6/27/2008 3:23:01 PM

On 06/04/2008, 2 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 2 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of J92267 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

### Volatiles by GCMS By Method EPA 624

<b>Matrix</b> AQ	<b>Batch ID:</b> VT4632
------------------	-------------------------

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J92587-1MS, J92587-1MSD, J92587-1MSMSD were used as the QC samples indicated.
- Blank Spike Recovery(s) for Acrolein are outside control limits. High percent recoveries and no associated positive found in the QC batch.
- Matrix Spike Recovery(s) for Acrolein are outside control limits. Outside control limits due to matrix interference.
- Matrix Spike Duplicate Recovery(s) for Acrolein are outside control limits. Outside control limits due to matrix interference.
- J92587-1MS for 2-Chloroethyl vinyl ether: Outside control limits due to acid preservation.

### Metals By Method EPA 200.7

<b>Matrix</b> AQ	<b>Batch ID:</b> MP43991
------------------	--------------------------

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J92564-5FMS, J92564-5FMSD, J92564-5FSDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Copper, Zinc are outside control limits for sample MP43991-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

### Metals By Method EPA 245.1

<b>Matrix</b> AQ	<b>Batch ID:</b> MP43998
------------------	--------------------------

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J92209-2MS, J92209-2MSD were used as the QC samples for metals.

### Wet Chemistry By Method EPA 1664A

<b>Matrix</b> AQ	<b>Batch ID:</b> GP44540
------------------	--------------------------

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J92238-1MS, J92848-2DUP were used as the QC samples for HEM Petroleum Hydrocarbons.

Friday, June 27, 2008

Page 1 of 2

**Wet Chemistry By Method SM20 2540D****Matrix** AQ**Batch ID:** GN15476

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J92209-2DUP were used as the QC samples for Solids, Total Suspended.

**Wet Chemistry By Method SM20 5210B****Matrix** AQ**Batch ID:** GP44380

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) J92336-1DUP were used as the QC samples for BOD, 5 Day.

**Field Data By Method SM20 4500H B****Matrix** AQ**Batch ID:** R72635

- The data for SM20 4500H B meets quality control requirements.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

Friday, June 27, 2008

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IT'S ALL IN THE CHEMISTRY

## Section 3

3

### Sample Results

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### Report of Analysis

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Accutest LabLink@15:24 27-Jun-2008

## Report of Analysis

Page 1 of 1

Client Sample ID: BASEMENT SUMP 24 HR COMPOSITE

Lab Sample ID: J92267-1

Matrix: AQ - Water

Date Sampled: 06/04/08

Date Received: 06/04/08

Percent Solids: n/a

Project: Monthly PVSC Permit, Fairlawn, NJ

## Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cadmium	< 4.0	4.0	ug/l	1	06/17/08	06/18/08 ND	EPA 200.7 <sup>2</sup>	EPA 200.7 <sup>3</sup>
Copper	< 25	25	ug/l	1	06/17/08	06/18/08 ND	EPA 200.7 <sup>2</sup>	EPA 200.7 <sup>3</sup>
Lead	< 3.0	3.0	ug/l	1	06/17/08	06/18/08 ND	EPA 200.7 <sup>2</sup>	EPA 200.7 <sup>3</sup>
Mercury	< 0.20	0.20	ug/l	1	06/17/08	06/17/08 JW	EPA 245.1 <sup>1</sup>	EPA 245.1 <sup>4</sup>
Nickel	< 40	40	ug/l	1	06/17/08	06/18/08 ND	EPA 200.7 <sup>2</sup>	EPA 200.7 <sup>3</sup>
Zinc	< 20	20	ug/l	1	06/17/08	06/18/08 ND	EPA 200.7 <sup>2</sup>	EPA 200.7 <sup>3</sup>

(1) Instrument QC Batch: MA21028

(2) Instrument QC Batch: MA21037

(3) Prep QC Batch: MP43991

(4) Prep QC Batch: MP43998

RL = Reporting Limit

Accutest LabLink@15:24 27-Jun-2008

## Report of Analysis

Page 1 of 2

3.2

3

Client Sample ID: BASEMENT SUMP GRAB							
Lab Sample ID: J92267-2				Date Sampled: 06/04/08			
Matrix: AQ - Water				Date Received: 06/04/08			
Method: EPA 624				Percent Solids: n/a			
Project: Monthly PVSC Permit, Fairlawn, NJ							
Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #2	T121281.D	1	06/14/08	NHP	n/a	n/a	VT4632
Run #1	Purge Volume						
Run #2	5.0 ml						

## VOA TVO List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	13	ug/l	
107-13-1	Acrylonitrile	ND	10	4.7	ug/l	
542-88-1	Bis(chloromethyl)ether	IND			ug/l	
71-43-2	Benzene	ND	1.0	0.18	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.14	ug/l	
75-25-2	Bromoform	ND	1.0	0.27	ug/l	
74-83-9	Bromomethane	ND	1.0	0.75	ug/l	
56-23-5	Carbon tetrachloride	2.1	1.0	0.30	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	2.1	1.0	0.33	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.73	ug/l	
67-66-3	Chloroform	5.6	1.0	0.19	ug/l	
74-87-3	Chloromethane	ND	1.0	0.42	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.18	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.39	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.23	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.69	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.76	ug/l	
75-34-3	1,1-Dichloroethane	6.8	1.0	0.70	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/l	
75-35-4	1,1-Dichloroethene	3.5	1.0	0.58	ug/l	
156-59-2	cis-1,2-Dichloroethene	4.8	1.0	0.56	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.38	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.40	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
123-91-1	1,4-Dioxane	ND	130	58	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
151-56-4	Ethylenimine	IND			ug/l	
75-09-2	Methylene chloride	ND	1.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.26	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Accutest LabLink@15:24 27-Jun-2008

## Report of Analysis

Page 2 of 2

3.2

3

Client Sample ID:	BASEMENT SUMP GRAB		
Lab Sample ID:	J92267-2	Date Sampled:	06/04/08
Matrix:	AQ - Water	Date Received:	06/04/08
Method:	EPA 624	Percent Solids:	n/a
Project:	Monthly PVSC Permit, Fairlawn, NJ		

## VOA TVO List

CAS No.	Compound	Result	RL	MDL	Units	Q
127-18-4	Tetrachloroethene	108	1.0	0.28	ug/l	
108-88-3	Toluene	ND	1.0	0.31	ug/l	
71-55-6	1,1,1-Trichloroethane	3.3	1.0	0.24	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.61	ug/l	
79-01-6	Trichloroethene	6.3	1.0	0.20	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	1.2	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.35	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.25	ug/l	

142.5 ug/L

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	96%		62-139%
2037-26-5	Toluene-D8 (SUR)	97%		85-120%
460-00-4	4-Bromofluorobenzene (SUR)	89%		74-118%

ND = Not detected      MDL - Method Detection Limit  
 RL = Reporting Limit  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

Accutest LabLink@15:24 27-Jun-2008

## Report of Analysis

Page 1 of 1

3.2

3

<b>Client Sample ID:</b> BASEMENT SUMP GRAB	<b>Date Sampled:</b> 06/04/08
<b>Lab Sample ID:</b> J92267-2	<b>Date Received:</b> 06/04/08
<b>Matrix:</b> AQ - Water	<b>Percent Solids:</b> n/a
<b>Project:</b> Monthly PVSC Permit, Fairlawn, NJ	

## General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
HEM Petroleum Hydrocarbons	< 5.2	5.2	mg/l	1	06/18/08	MG	EPA 1664A

## Field Parameters

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH (Field)	6.37		su	1	06/04/08 13:30	GB	SM20 4500H B

RL = Reporting Limit



### Misc. Forms

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### Custody Documents and Other Forms

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Includes the following where applicable:

- Chain of Custody



July 11, 2008

Mr. Andy Caltagirone  
Passaic Valley Sewage Commissioners  
600 Wilson Ave.  
Newark, NJ 07105

Re: Monitoring report June 2008.  
Permit Number: 08630002

Dear Mr. Andy Caltagirone,

Please find enclosed our sewage discharge monthly monitoring reports for the period of 6/1/08 to 5/30/08.

For any additional information regarding this or any other matter, I can be reached at 201-794-5106 or by E-mail at *Albert.Mips@Sandvik.com*

Sincerely,  
Albert W. Mips

A handwritten signature in blue ink that reads "Albert W. Mips".

Facilities Engineering Manager